

Celsius Refrigerator/Freezer Temperature Log    Month \_\_\_\_\_ Year \_\_\_\_\_    Refrigerator/ Freezer Location \_\_\_\_\_

Day of the Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Staff Initials																																
Time																																
Temp.	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
REFRIGERATOR: Correct Temperature Range for Refrigerator is 2 to 8 Degrees Celsius																																
11°C																																
10°C	Take Action NOW if the temperature is in the shaded area!								Take Action NOW if the temperature is in the shaded area!								Take Action NOW if the temperature is in the shaded area!															
9°C																																
8°C																																
7°C																																
6°C																																
5°C																																
4°C																																
3°C																																
2°C																																
1°C																																
0°C	Take Action NOW if the temperature is in the shaded area!								Take Action NOW if the temperature is in the shaded area!								Take Action NOW if the temperature is in the shaded area!															
-1°C or below																																
FREEZER: Correct Temperature for Freezer is -15 Degrees Celsius or Colder																																
actual temperature																																
-13°C	Take Action NOW if the temperature is in the shaded area!								Take Action NOW if the temperature is in the shaded area!								Take Action NOW if the temperature is in the shaded area!															
-14°C																																
-15°C																																
-16°C																																
-17°C																																
-18°C																																
-19°C																																
-20°C																																
-21°C																																
Lower than -22°C																																

**Instructions:** Place an "X" in the box that corresponds to the temperature (rows), day of the month, and am or pm (columns) for your temperature check. If the refrigerator temperature reading falls in the **red highlighted area** ( below 2°C or above 8°C ) **take action** to correct the temperature. If the freezer temperature is above -15°C **write in the actual temperature** and **take action** to correct the temperature. Also, enter your initials and the time temperatures were read in the boxes at the top of the chart.

- IF THE TEMPERATURE FALLS IN THE SHADED AREA:
1. Move vaccine to alternate storage as quickly as possible.

2. Keep the vaccine by itself (away from other vaccines) and label: **"DO NOT USE."**

3. Notify the CDPHE Immunization Section at: 303-692-2700 or: [cdphe\\_vfc@state.co.us](mailto:cdphe_vfc@state.co.us) for more guidance.

4. Call the vaccine manufacturer to determine whether you can still use the vaccine.

5. Write down the date when the temperature fell outside the normal range, what actions were taken, and any results in the table on the back of this sheet.

Notes/ Documentation:

Attach separate sheet if necessary.

Vaccine Manufacturers:

Berna Products:

800-533-5899 (typhoid vaccine)

GlaxoSmithKline:

888-825-5249

MedImmune:

877-633-4411

Merck:

800-609-4618

Novartis:

800-244-7668

Sanofi Pasteur:

800-822-2463

Wyeth:

800-999-9384

[www.coloradovfc.com](http://www.coloradovfc.com)

[www.coloradoimmunizations.com](http://www.coloradoimmunizations.com)

## Vaccine Storage Troubleshooting Record

Use this form to document any unacceptable vaccine storage event, such as exposure of refrigerated vaccines to temperatures that are outside the manufacturers' recommended storage ranges.

<b>Date and Time of Event</b>	<b>Storage Unit Temperature</b> (at the time the problem was discovered)	<b>Room Temperature</b> (at the time the problem was discovered)	<b>Description of Event</b>	<b>Action Taken</b>	<b>Results</b>	<b>Initials</b>
Friday, 01/31/2014  8:00 a.m.	1 C	23 C	Temp 1 C when checked at 8:00 AM. Last recorded temp 4.3 C done at 5:15 PM on 1/30/14.	8:15 AM - Refrigerator and vaccines labeled "Do Not Use." Notified supervisor & activated Vaccine Management Plan. Supervisor adjusted thermostat and will recheck temp in 1 hour.  8:30 am - Contacted Nicole at CDPHE. Advised to call manufacturers and report back to VFC with results of calls. Temp logs sent to Nicole per request.	10:15 AM- All manufacturers contacted. All vaccines safe to use, but expiration date must be changed to 4/31/14 for all vaccines but MMR and ActHib.	JC
9:15 AM	1 C	23 C	Temp rechecked after adjustment made by supervisor	9:20 AM – Vaccines moved to alternate location while waiting results of manufacturer calls. Temp in alternate storage at 4 C. Repair service called to come repair unit-vaccines will remain in alternate storage unit.	11:30 AM- VFC program notified of findings. Advised to keep vaccines in alternate location until main storage unit is functioning properly and 2 weeks of temp logs are sent to VFC program for review.	JC
10:30 AM	1.5 C	22.5 C	Temp rechecked by supervisor			